

2. A method as claimed in claim 1, wherein the first location is a wellhead.

3. (AMENDED) A method as claimed in claim 1, wherein the first location has a collection port which mates with the collecting device, and the method includes the step of engaging the collecting device with the collection port at the first location, and transferring the fluid through the collection port and collecting device while they are engaged.

4. (AMENDED) A method as claimed in claim 1, wherein said vehicle is remotely operated.

91 5. (AMENDED) A method as claimed in claim 1 wherein said storage facility and said collecting device are housed on a frame attached to the vehicle.

6. A method as claimed in claim 1, wherein the collecting device comprises at least one sample container for containing the sample collected, and the method includes the further step of storing the sample collected in the sample container.

7. (AMENDED) A method as claimed in claim 1, wherein the vehicle has a probe for connecting to the subsea structure at said first location and the method includes the step of connecting the vehicle to the subsea structure via the probe and collecting the sample through the probe.

8. A method as claimed in claim 1 including the step of discarding a portion of the fluid collected.

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9. (AMENDED) A method as claimed in claim 1 including the step of detaching the vehicle from the subsea structure at said first location, removing the sample when the vehicle has moved to the second position, and analyzing the sample at said second location.

Q1 10. A method as claimed in claim 1, wherein the collecting device has several separate sample containers for collecting samples, and the method includes the step of collecting a further sample from at least one other subsea structure before the vehicle moves to the second location for analysis of the samples.

11. (AMENDED) A method as claimed in claim 1, wherein said device can be controlled from a position remote from the first location, and the method includes the step of controlling the device remotely.

12 13. (AMENDED) A sampling device as claimed in claim ~~14~~¹², wherein the wellbore has a wellhead and the collecting device comprises a probe for engaging a port on the wellhead.

Q2 12-14. (AMENDED) A sampling device for collecting samples of fluid produced from a subsea wellbore, the sampling device having a drive means for moving the sampling device, a collecting device for collecting a sample of fluid and a storage container for holding the collected fluid, wherein the drive means comprises a remotely operated vehicle.

14 15. (AMENDED) A sampling device as claimed in claim ~~14~~¹², wherein the storage container comprises at least one bottle having a piston movable within the bottle.

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15 ~~16~~ (AMENDED) A sampling device as claimed in claim ¹²~~14~~, having means to indicate characteristics of the sample collected, the characteristics being selected from the group consisting of pressure, volume and temperature.

17. (AMENDED) A sampling device as claimed in claim ¹²~~14~~, wherein the device is adapted to collect the fluid sample from a subsea fluid-carrying structure selected from the group consisting of wellheads, manifolds, pipelines, wellbores, casings, tubulars, storage tanks and gravity base structures.

Q2 16 ^{1.5}~~18~~. A sampling device as claimed in claim ~~16~~, wherein the indicator means is configured to indicate the selected characteristics on a continuous basis.

18 ¹²~~19~~. (AMENDED) A sampling device as claimed in claim ~~14~~, wherein the storage container has a fail safe valve to seal the container in the event of a power failure.

19 ⁵~~20~~. A method for sampling a fluid produced from a plurality of wellbores, comprising the steps of:

using an underwater vehicle to receive a plurality of fluid samples from respective ones of said plurality of wellbores and to store said plurality of fluid samples in a plurality of respective containers;

transporting said plurality of containers to an operating station for testing.

Q3 20 ¹⁹~~21~~. The method of Claim ~~20~~, wherein said underwater vehicle receives and discards a first sample from sampled wellbores and then receives a second sample.

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21/ ~~22~~. The method of Claim ~~20~~, wherein said underwater vehicle inserts a male probe into a female receiver at a wellbore in order to receive a fluid sample.

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~~22~~ ~~23~~. The method of Claim ~~20~~, wherein said underwater vehicle is remotely controlled to perform said using and said transporting steps.

²³ ~~24~~. A system for sampling wellbore-produced fluids, said system comprising:

a plurality of wellbores located underwater;

an operating station, which is at a location separate from said plurality

5 of wellbores, said operating station having a capability to receive and test samples of fluid;

A3 a collection vehicle which is configured to collect separate samples of fluid from ones of said plurality of wellbores and transport said separate samples to said operating station.

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~~24~~ ~~25~~. The system of Claim ~~24~~, wherein said collection vehicle comprises a remotely operated vehicle.

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~~25~~ ~~26~~. The system of Claim ~~24~~, wherein the output of said plurality of wellbores all feed into a single manifold.

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~~26~~ ~~27~~. The system of Claim ~~24~~, wherein said operating station is onshore.

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~~27~~ ~~28~~. The system of Claim ~~24~~, wherein said collection vehicle is configured to discard, to a waste container, a first sample from a sampled wellbore and to store a second sample from a sampled wellbore.